1947 MOUNT DIABLO W6CX AMATEUR RADIO CLUB WWW.MDARC.ORG

THE CARRIER

The monthly newsletter for the Mount Diablo Amateur Radio Club

Volume LXXIV - Number 6 – June 2025

Friday June 20, 2025 7pm

License Testing 5:30pm

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THIS MONTH...

DX! How to make Long Distance Amateur Radio Contacts

Presented by Lucas Ford, W6AER

One facet of amateur radio is the ability to contact a station in another country, especially on the high frequency bands. W6AER shows us how to optimize your station's equipment to contact stations (DX) in faraway lands.

Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement.

We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to info@mdarc.org.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

https://groups.io/g/MDARC

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The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Larry Bradley, KK6QPE
Vice President - Michael Papp, WB6GJE
Secretary – Brian Lotter, KM6NGS
Treasurer - Barbara Whysong, K6WHY
Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large
Trevor Hall, WA6JAU Cal Vasquez, K6VT
Mark Fehlig WA6NGC Mike Warren, W6MEW

Membership Chair – Jan Kulisek, KM6NFC
mdarcmembership@mdarc.org

PACIFICON 2025

Chair: Julie Mah, WJ8MAH
Registration: Jim Marchetti, KD7G
Treasurer: Barbara Whysong, K6WHY
Secretary: Jeff Mah, N8MAH

COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - **vacant**
Communications Trailer - Mike Warren, W6MEW
Communications Van MDARC-1 - Jim Tittle, K6SOE
Digital Media - Grant Bowman, K6CBK
Education & Training - **vacant**
Field Day - Larry Loomer, KI6LNB
Good & Welfare - Diana Sage, KA6TZU
Holiday Dinner - Misa Siemons, KJ6BUE
License Testing - Larry Loomer, KI6LNB
Outreach - Dick Wade, WM6G
Programs - Michael Papp, WB6GJE
Public Service - Larry Loomer, KI6LNB
Radio Equipment Lending - Cal Vasquez, K6VT
Refreshments - Elizabeth Styles, KG6HLV
Scholarship - Janice Fujii, KG6VTD
Technical Committee - Jim Tittle, K6SOE
Volunteer Classes - Dick Wade, WM6G
W6CX Repeater Trustee - Jim Tittle, K6SOE
W6LGW Callsign Trustee - Larry Loomer, KI6LNB

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MDARC Family,

June marks the "true" beginning of Summer. Time for the children …..grandchildren….to be out of school. Time to think about that summer vacation. Time to relax at the BBQ chomping on some delicious food. Time to chat with friends over a cool beverage. Hey, wait a minute! That sort of sounds like Field Day. You know….June 28 and 29. So, consider this as an opportunity for a mini-vacation or at least a chance to get out of the house, visit with some friends, make new friends, do some "radio stuff," enjoy some food, and generally have a great time. And No, you do not need to register UNLESS you are planning to attend the BBQ, in which case check out the MDARC website here: https://signup.com/go/QPJtJAP And if you want to learn more about Field Day…like times and place….then check here: https://www.mdarc.org/activities/field-day . Perhaps too early for many to consider, but I suggest marking your calendar for Pacificon, Friday October 10 through Sunday October 12, 2025. Remember that this event occurs earlier in October than in prior years. Check out the website AND if you want to book a room at the San Ramon Marriott and take advantage of the reduced rates, then act NOW and go to http://www.pacificon.org . Speaking of marking your calendar, be sure to add October 10th as the date for our MDARC General Membership Meeting. So instead of our typical third-Friday of the month meeting time, we will meet one week earlier on the 10th in order to coincide with Pacificon. **SO,** if you go to Our Savior's Lutheran Church on October 17, you might be all alone.

Speaking of early "things" let me put the bug in your ear about MDARC's forthcoming Board elections because without members stepping up and taking on these leadership roles, MDARC suffers…and so do you. So, please consider running for an office.

Something more timely and closer to now is the soon-to-be-here Amateur Extra License Course. Where else can you get a structured 10-week A.E. Course for $15? You are unlikely to find any group offering an A.E. Ham Cram and MDARC only offers this Course every two years. So why wait until 2027 and jump on the opportunity now. We start the journey on June 24, Tuesday evenings: 7-9P, in-person and virtual, and meet weekly to prepare students for a scheduled license testing session on September 2. All sessions and testing is held at Clayton Valley Presbyterian Church.

Well, it has to be done. Time to clean out ye olde Ham Shack. Why should we bother? Here are some reasons…I'm sure you have more. In order to check what we have Discover "lost" or forgotten tools, equipment and projects; find items that you are not using but may be useful to other hams; consider selling or gifting some items; take things to an electronic recycler; assess storage space and consider a different storage plan; consolidate small parts and organize larger equipment; review current ham shack safety and implement changes to make it better; consider making it more ergonomic with comfortable chair, well-placed radios, and ample workbench space; think about controlling the environment like temperature and humidity; plan for electrical power during a short-term off-the-grid situation.

Rest in Peace: Richard E. Lueck, K6REL, SK

This President's Message is written for the only two people that I know who read it. Enjoy! *Larry Bradley, KK6QPE*

It is with heavy hearts that we announce the Sunday, June 1, 2025 passing of our dear friend, Rich Lueck, fondly known as K6REL. He was a light in this world, devoted to helping every ham that he could, highly focused on the programming of every model of radio ever invented.

He was a privilege to know and love, extremely active in the community as a constant NCO-Net Control Operator for MDARC, a VIPS-Volunteer in Police Services in Concord, very active as a part of their CARES-Concord Auxiliary Radio Emergency Service net every Wednesday at 8pm.

His bio included a time as Chairman for The Salvation Army's Advisory Board as well as having been a constant volunteer for their EDS-Emergency Disaster Service (as a reliable food canteen driver) plus years of participating in the Monday at 8pm SATERN-Salvation Army Team Emergency Network.

In the past 15 years his other community efforts included years in the Clayton Valley / Concord Sunrise Rotary, as well as participating as a "community walker" for the 24-hour Relay For Life walkathons, a group dedicated to raising funds for cancer research. Sadly, it was cancer that stole him away from us.

His wife Pam has advised us that a Celebration of Life will be held in August 2025, and more details will be shared once we are advised by the family

Submitted by Elaine Baker, ***KJ6MXP*** *and Peg Gardner,* ***KJ6MXT***

VOLUNTEERS NEEDED FOR ARRL FIELD DAY ACTIVITIES, JUNE 27 - 28 - 29, 2025

By Larry Loomer, KI6LNB Field Day Chair

MDARC will again use parking lot at Olympic High School, 2730 Salvio Street, Concord, from 2:30 PM on Friday, June 27, to 2:00 PM on Sunday, June 29. All hams are welcome to bring their ham radio gear, including radios and antennas, to the Field Day site during these working hours. Food will be available during the event. Go to the Field Day section of the MDARC website to sign up for the BBQ dinner at the site, beginning at 6:00 PM on Saturday.

Volunteers are needed!!

Our Field Day chair, Larry Loomer, KI6LNB, and his crew will start setting up at 2:30 on the Friday afternoon before the event, so come on down and help out, stay to work some bands and generally have a good time. Contact Larry at KI6LNB@arrl.net to let us know what help you can provide.

Bring your RV, trailer, camper or sleep in your car and stay overnight. Basic food and drink will be provided. We will have portable toilet facilities available. If needed, a shopping center with a Safeway store, and other food vendors, is six blocks away.

Remember: You don't need to have HF privileges, or even be a licensed ham, to make contacts at our Field Day site. We will have Band Captains on hand to act as control operators. So come on down, tell your friends and get involved in ham radio!

We will have a Get-on-the-Air class at 10:00 AM. We will have license testing on site at 1:00 PM. There will be continual demonstrations of ham radio in action. You might get to speak to someone on the other side of the world if the atmospheric conditions are good.

A demonstration of solar charging of the communication trailer battery will be provided.

An auxiliary generator demonstration for powering the trailer will be provided.

A mobile (car mounted) solar power system will be demonstrated..

In conclusion, we are members of a hobby that has a long and proud history of providing emergency communication in many different situations. Field Day provides us with the opportunity to demonstrate to the public that we can operate effectively and safely, even during adverse conditions, without using commercial power.

Field Day 2025 Class

"Getting on the Air with HF Radio"

Presented by the Mount Diablo Amateur Radio Club
in the Olympic High School parking lot
2730 Salvio Street, Concord CA

Using a portable Buddipole antenna for demonstration purposes
Pete Harris, KE6ZIW, will demonstrate & discuss

Basic Antenna & Equipment Concepts With ½-Wave Dipole and ¼-Wave Vertical

****

Saturday June 28, 2025
Time: *10am – 12 noon*

****

Some Topics for Discussion & Demonstration

- Basic equipment needed for an HF station
- The two most important equations for HF radio in the field & how to use them
- How to determine the approximate length of a horizontal dipole antenna (and of a ¼-wave vertical) for a desired frequency range in a chosen band
- How to use an SWR meter to precisely tune antennas for resonance & correct length
- Use of small inductance coils to substitute for necessary physical length of antenna
- Description of different radiation patterns relative to height of antenna off the ground
- Theoretical ideals vs. real world compromises
- Q & A

PUBLIC SERVICE EVENTS

Field Day **Confirmed**

Sat & Sun, June 28 & 29, 2025

Annual event, 2730 Salvio Street, Concord, CA

https://www.mdarc.org/activities/field-day

Skyline 50k **Confirmed**

Sunday, August 3, 2025

Running race in the Oakland Hills

Radio Coordinator: Larry Loomer, KI6LNB laryloomer@yahoo.com

Scena Performance adam.ray@scenaperformance.com

https://scenaperformance.com/events/skyline-50k

License Testing

MDARC will be having two license testing sessions this month. One at the membership meeting in Lafayette, on June 20, at 5:30 PM, and one at Field Day in the Olympic High School parking lot, 2730 Salvio Street, in Concord, on June 28, at 1:00 PM. We will be offering all three license class tests. This is a walk-in testing session. No reservations are required. Study well.

PACIFICON Committee Looking for Co-Chairs

Fellow MDARC members,

I am pleased to tell you that the PACIFICON chairs are already working hard on putting together another terrific event this coming October (Fri, October 10 - Sun, October 12, 2025). In order to carry out this mission there are a lot of people involved already, but we're "looking for a few good MDARC members" to step up and be a part of this great team. There are two specific opportunities available to support your club in the success of PACIFICON.

PACIFICON Co-Chair - this role is to work side-by-side with the overall Chair of the PACIFICON event (Julie Mah, WJ8MAH) with the intent of becoming the Chair for PACIFICON 2026.

These co-chairs are working towards ensuring that there is not a 'single point of failure' if a chair is not able to carry out their work, and to build a stable of folks who are familiar with the process and could help once they are trained. As a Co-chair you will learn the ropes, so to speak, in preparation for becoming the overall Chair or Registration Chair for PACIFICON 2026.

What are the benefits?
- You will get to hang out with Julie or Jim, who are both really cool people, and lots of fun
- As a chair for PACIFICON 2026, you will be able to stay on-site at the Marriott (paid for by PACIFICON/MDARC) for PACIFICON 2026 like the chairs do for each PACIFICON (trust me, it's really nice being able to simply walk over to the event space and not worry about driving in each morning at zero-dark-30)
- You will get to see what it really takes to run this event each year, have a hand in the success of PACIFICON 2025, and you will meet a lot of great folks who are involved (not just the chairs, but the many volunteers). And, as Registration co-chair you will get to meet a LOT of the attendees.

You don't even have to be a licensed ham, so there's nothing stopping you from being part of the biggest event that MDARC hosts - PACIFICON 2025 & 2026.

Please contact either (or both) of us about this tremendous opportunity.
Julie, juliemah4@yahoo.com Jim, james@jamesmarchetti.com

On behalf of Julie, WJ8MAH, myself and the whole PACIFICON committee, thank you!

73,

~Jim Marchetti - KD7G
Registration Chair, PACIFICON 2025

Upgrade your amateur radio license to Amateur Extra!
Register now for MDARC 2025 Amateur Extra license course.

Amateur Extra License Course will not be offered again until 2027. Don't miss this opportunity.

The class will meet each Tuesday, June 24 – August 26, 2025 (10 sessions)
7:00-9:00 PM
Held via Zoom and In-Person at:
Clayton Valley Presbyterian Church
1578 Kirker Pass Road
Clayton, Ca 94517

*Extra Class License Testing will be conducted on Tuesday September 2, 2025

Please go to https://www.mdarc.org/education-and-testing/class-details for details and to complete the required registration.

MDARC Board of Directors Meeting May 5, 2025

Held at Zoom online
1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shots:
Officers: Larry Bradley KK6QPE, President; Michael Papp WB6GJE, Vice President; Brian Lotter KM6NGS, Secretary; Barbara Whysong, K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Mark Fehlig WA6NGC, Director at Large. **Committee Chairs/Coordinator:** Grant Bowman K6CBK, Digital Media.
Guests: Mike Patterson N6JGA.

3. Approval of Minutes from Last Meeting: Mike W6MEW seconded by Michael WB6GJE, proposed a motion to approve the minutes. The minutes of the April Board of Directors Meeting were unanimously approved.

4. Adopt Tonight's Agenda: The agenda was adopted since no objections were heard.

5. Officer reports:
a. President Larry Bradley KK6QPE – Had no report.
b. Vice-President Michael Papp WB6GJE – Reported that the speakers for upcoming General meetings will be, Peter Griffiths (May), Lucas Ford (June) and Mooneer Salem (July). c. Secretary Brian Lotter KM6NGS – Had no report.
d. Treasurer Barbara Whysong K6WHY – Barbara presented the following report (see following page).
6. Emergency Coordinator Report: Larry KI6LNB had no report but added that the Veterans Net is going very smoothly.

7. Directors at large reports:
Mike Warren W6MEW – Had no report. Trevor Hall WA6JAU – Was absent. Mark Fehlig WA6NGC – Had no report. Cal Vasquez K6VT – Was absent.

8. Committee Reports:
a. Auction: No report was expected. b. Communications Trailer: Mike W6MEW had report.
c. Digital Media: Grant K6CBK reported that he had held a digital media meeting last Saturday. He added that he had been asked to pass on a message that a battery and charge controller need to be purchased for North Peak and that both items are on the budget.
f. Education and Training: Larry KK6QPE reported that the General class is mid-way with an average of about 12 attendees.
g. Election Committee: No report was expected.
h. Field Day: Larry KI6LNB reported that he had held a meeting for Field Day and established volunteers for activities.
i. Holiday Banquet: No report was expected.
j. License Testing: Larry KI6LNB reported that Heritage High School had held a license testing session. Grant did some electronic license testing to demonstrate the method. In response to a question from Larry KK6QPE, Grant reported that the biggest obstacle encountered with electronic testing was that the candidates had not set up a ham study account for themselves.
k. Membership: Jan KM6NFC was not present but sent a report saying that he has sent out another reminder for renewals. Barb K6WHY added that she had seen two new members at the beginning of April and a flood of people signing up in May.
l. Mesh Committee: Mike W6MEW had nothing to report.
m. Outreach: No report was expected.
n. PACIFICON: No report was expected.
o. Programs: Michael WB6GJE covered this in section 5b above.

(continued on page 12)

Balance Sheet
April 30, 2025

ASSETS		
Current Assets		
Equipment Self-Ins Fund		$65,807.04
CD 1 (3578)	$21,922.85	
CD 2 (8529)	$43,884.19	
MDARC Savings		$28,450.30
MDARC Checking		$57,219.06
Total Current Assets		$151,476.40
TOTAL ASSETS		**$151,476.40**
LIABILITIES		**$0.00**
NET ASSETS		**$151,476.40**
Increase/Decrease from prev month		$2,080.21

CREDIT FEES YTD 2025

	GROSS	FEES	NET
MDARC	$6,359.00	($326.13)	$6,032.87
PACIFICON	$4,614.00	($286.20)	$4,327.80
TOTAL	**$10,973.00**	**($612.33)**	$10,360.67

STATEMENT OF ACTIVITIES

	MDARC	Pacificon	TOTAL
Credits			
Membership	$345.07		$345.07
Education	$26.76		$26.76
Other	$0.00		$0.00
Int & Div	$144.75		$144.75
Repeater Donations	$10.00		$10.00
MDARC Donations	$0.00		$0.00
Pacificon Registration		$3,611.24	$3,611.24
Pacificon Vendors		$660.60	$660.60
Pacificon NonProfits		$55.96	$55.96
Total Credits	$526.58	$4,327.80	$4,854.38
Debits			
Operations	$967.89	$88.30	$1,056.19
Test Fees	$75.00		$75.00
LEEDS	$700.00		$700.00
Field Day	$304.10		$304.10
License Testing Tablets	$531.68		$531.68
Education	$107.20		$107.20
Total Debits	$2,685.87	$88.30	$2,774.17
Change in Net Assets			**$2,080.21**

MDARC Income	PACIFICON Income	MDARC Expenses	Pacificon Expenses
Membership	Attendee Registration	EIP monthly fee	Google Workspace
Repeater Donations	Antenna Seminar	Unwired monthly fee	Constant Contact
Education	Banquet tickets	Rodie's	
Interest/Dividends	Vendor Registration	Education laptop, texts	
	Exhibitor option	W6CX FCC lic renewal	
		Technical Cmte exp	

INCOME/EXPENSE YTD 2025

	INCOME	EXPENSE	NET
MDARC	$7,997.19	($8,926.50)	($929.31)
PACIFICON	$4,327.80	($3,327.16)	$1,000.64
TOTAL	**$12,324.99**	**($12,253.66)**	**$71.33**

p. Public Service: Larry KK6QPE reported activities for May and that an up-to-date list can be found on the Public Service page on the MDARC website. q. Radio Lending Library: No report was expected.
r. Rocky Ridge Repeater (Tech): Grant K6CBK covered this in 8c above. s. Scholarship: No report was expected.

9. Future Meetings:
General Meeting: 05/16/2025 will be a hybrid, in-person and online. Board Meeting 06/02/2025 on Zoom only.

10. Unfinished Business:
10.1 Should we provide MDARC club name tags for new members, existing members, etc.: Larry KK6QPE reported that he had sent out an email asking members if they would be interested in receiving a free name tag from MDARC and received 15 positive replies. He suggested that those 15 members and every new member should get a free name tag. After much discussion Mike W6MEW seconded by Brian KM6NGS, proposed a motion to provide free name tags for the 15 respondents who would be required to collect their name tags at a meeting. The motion was carried. After further discussion Brian KM6NGS volunteered to purchase the 15 name tags. It was further decided that free name tags for new members would also be provided and that this would be posted on the MDARC website. Mike W6MEW, seconded by Brian KM6NGS, proposed a motion to provide a checkbox, on the website, for new members and renewals, where they can opt to receive a free name tag, to be picked up at a meeting. The motion was carried. Mike W6MEW agreed to order these name tags. Funding for this will be added to the 2026 budget.
10.2 Has the webpage been updated? How can members indicate that they prefer to be anonymous? This has been deferred until June.
10.3 Asset List: Inventory vs Asset? Dollar cutoff amount. STATUS REPORT; this has been deferred until June.
10.4 $3,500 anonymous donation to MDARC: what to use it for, etc.; Larry KK6QPE proposed that the cost of the 15 name tags should be taken from this amount and asked Barb K6WHY how much of the $1000, that was allocated to license testing, has been used. Barb estimated that we still have about $315 left and agreed to provide an exact number at the next board meeting.
10.5 Have the 5 tablets been purchased to support EXAM TOOLS for license testing? Mike W6MEW confirmed that he had purchased 4 more, a total of 5. Grant confirmed that they are ECOPAD C5. The total amount spent was $531.
10.6 Pacificon 2025: In response to a question from Larry KK6QPE, Barb said that she had brought up the issue of Clover vs Square at the April Board Meeting since our Bank now has a relationship with Clover. She added that it was decided that we continue with Square, at least for this year, since the learning curve for Clover would be too steep due to the fact that we are close to PACIFICON. There would also be new equipment costs for Clover. Square also provides better reporting which is useful to Barb. Larry KK6QPE asked if Jim has a co-chair for registration. Grant replied that the co-chair is Bruce Wolfe N6BMW from the San Francisco Amateur Radio Club.

11 New Business:
11.1 Preliminary look at some NARCC initiatives: Michael WB6GJE stated that he would like to start some initiatives with the NARCC that would be of some interest to MDARC. He stated that one of their biggest problems is completing coordinations, and that many repeaters, in the Bay Area, are in a pending state because they need people to go out and verify that a repeater is operating on the stated frequencies, PL tones etc. Another method would be to tie into local SDR networks which report on more repeater parameters than are needed to coordinate repeaters. This would eliminate the need for people to go out and coordinate repeaters individually. Larry KK6QPE suggested that the best way to reach out to MDARC members would be to send out a message on groups.io and to put an article in the Carrier. Mike W6MEW suggested that, that if one of these devices was placed at each of a number of repeater sites, a lot of data could be collected from each device because the high altitude of the repeaters would allow them to report on more repeaters than devices at lower altitudes.
11.2 How can the Board help Michael, WB6GJE get speakers for our General Membership Meeting: Larry KK6QPE appealed to all members to help Mike find speakers.

12. Good of the order:
Mike N6JGA stated that he had noticed that the business portion of the General Meetings has getting much longer. Larry KK6QPE acknowledged that this was probably scope creep. Various methods of reducing the time were discussed.

13. Adjournment: Mike W6MEW, seconded by Michael WB6GJE, proposed a motion to adjourn. The motion was carried unanimously. Meeting Adjourned at 8:20 pm.

Respectfully submitted by Brian Lotter KM6NGS Secretary, May 25, 2025
These meeting minutes were signed digitally due to the digital meeting

MDARC General Meeting Minutes April 18, 2025

Held as hybrid Zoom and in-person meeting

1. Call to Order: The meeting was called to order at 7:00 pm by MDARC president Larry Bradley KK6QPE.
a. Welcome to all: Larry KK6QPE welcomed all attendees. b. Pledge of Allegiance: This was made by attendees.
c. Safety, Exits, Rest Rooms: Larry KK6QPE indicated the positions of the emergency exits and restrooms.
d. Acknowledge new members: There were no new members.
e. Acknowledge visitors: Ivan Cooper formerly KJ6CYU was acknowledged when he arrived after the testing session.

2. Approval of Minutes from the Last Meeting: The minutes of the March meeting were approved without objection.
3. Officer Reports:
a. President: Larry Bradley KK6QPE had no report. b. Vice President: Michael Papp WB6GJE had no report.
c. Secretary: Brian KM6NGS had no report. d. Treasurer's Report: Barbara Whysong K6WHY **[see charts on page 15 in the May 2025 CARRIER]** e. Emergency Coordinator: Larry KI6LNB had no report.

4. Directors at Large.
Directors at Large: Mike W6MEW, Mark WA6NGC, Trevor WA6JAU and Cal K6VT had nothing to report.

5. Committee Reports – Standing:
a. Auction: Report not scheduled or unavailable. b. Outreach Coordinator: Report not scheduled or unavailable.
c. Technical: Jim K6SOE had nothing new to report but added that the repeater is working.
d. Digital Media: Grant K6CBK stated that there will be a digital media meeting next Friday and asked anybody who is interested in helping him to come to the meeting. The PACIFICON website is up and working. The International Amateur Radio Union (IARU) hundredth anniversary is today. A number of events took place to celebrate it but there were no local events. The ARRL has published their comments to the FCC on the matter of Delete Delete Delete. The Dayton Hamvention® will be held May 16 – 18, 2025.
e. Education and Training: Larry KK6QPE stated that the General class is half done and that the Extra course will start on June 24th.
f. Pacificon: Julie WJ8MAH announced that registration is open an advised that hotel reservations should be made through the link on the PACIFICON website to get the preferred rate. She also announced the Ham campout, June 6 to 8.
g. Membership: Jan KM6NFC, presented the MDARC Membership Report; paying members (individual & primary) 219; All current members incl. family and 12 Lifetime + Honorary members 266; Past due (excluding family members 97.
h. Public Service: Larry KI6LNB announced that the following public service events had occurred; MS Walk on March 30th, and the Diablo Trails Challenge on April 5th. Larry also announced the following events; Devil Mountain Double Run Sunday May 4, 2025; Boy Scout Hike Berkeley Hills Saturday May 17, 2025; MDARC - Hope Walk Saturday May 17, 2025; Lake Chabot trail and Moonlight on the Mountain. Details can be found on the MDARC website under Public Service.
i. Vehicle Committee MDARC-1: Report not scheduled or unavailable.
j. License Testing: Larry KI6LNB reported that, tonight they had two candidates with expired General licenses. They were given the Technician test to prove that they were up to date on current regulations. Once they passed, they were reinstated as General License holders. There was also one candidate that passed their General test. There will be license testing at the Heritage High School and the Benicia Ham Cram on May 3rd. The next MDARC testing will be on May 18th before the General Meeting. Mike W6MEW added that we now have 5 tablet PCs for License testing.
k. Trailer Committee: Report not scheduled or unavailable.

(continued on following page)

l. Field Day: Larry KI6LNB announced that there will be a Zoom meeting on April 23rd and that we are all signed up with the Olympic High School. Mike W6MEW stated we need someone to take the trailer to Field day since he will be on vacation. Larry KK6QPE announced that since Field Day will be on the fourth weekend of June this year and not the third, we will have our normal General meeting on the third Friday of June. Pacificon is one week ahead this year, on the second weekend of October, so our General meeting will be held on the third Friday of October instead of at PACIFICON
m. Holiday Banquet: Report not scheduled or unavailable. n. Election Committee: Report not scheduled or unavailable.
o. Program Committee: Michael Papp is now the program committee chair.

Dave WA6UHA stated that Fred Cutter K6UIU is now a silent key and will send details of his memorial service via groups.io. Larry KK6QPE added that Pete K6SHE needs assistance with digital modes and that anybody interested in helping him should contact Larry KK6QPE for details.

6. Unfinished Business: a. None **7 New Business:** a. None. **8. Good of the order:** Nothing was heard.

9. Adjourn Business Meeting: The meeting was adjourned at 7:37 pm.

Respectfully submitted by:
Brian Lotter, KM6NGS
Secretary, on May 11, 2025

Long Time MDARC Member in Need of HF Elmer

My name is Andy, KF6TJR. I am a new MDARC member and I have been helping long time MDARC member and inventor of the Elk Antenna system Pete, K6SHE, get back on the air. Pete is 91 and has a solid station, but we need some additional help and **I am inviting anyone interested to reach out to Pete directly and/or me**! We need an HF Elmer for an OM!

I have been over to Pete's shack about 4 times working with him to get his stations back on the air. He has a new long wire, fresh WSJT and I have a whole technical document of what we have checked and tested. The problem is I am now out of my ham skill set for what "performance" of his station should be. I am an HF hack! Pete's station is solid, but not performing. Pete is determined to get on the air!

We need someone who knows the HF bands and what his type of station should be doing. I have made contacts with Pete on his rig; phone and digital, but something is not right. I have not been able to help him for the last couple weeks due to family commitments and summer time travel. I am happy to climb his long wire tower again, happy to help on the beam repair, but we need a HF Station Expert to guide us.

I have had some great weekends with Pete and helping him get back on the air! We have WJST updated and we can make contacts. We have the long wire up and are making contacts on HF phone!

Peter's station has a nice Yaesu HF radio with an Elecraft KPA500 amplifier and tuner. Solid station, but needs a good operator at the controls to tell us how the system should be performing.

My direct email is andy.record@gmail.com and my cell is 925-478-0603
Pete's email is perata434@comcast.net Pete's phone is 925-934-2093 73, Andy, KF6TJR

ESTATE SALE

Astron VS-35M 2 to 15 volts 35 amp power supply $160

Astron RS-35M 35 amp power supply $180

Kenwood IF-232C computer interface $20

Kenwood TS-2000 HF/VHF/UHF Transceiver $800

Kenwood SP-23 external speaker for TS-450 $100

Yaesu G-800DXA rotator controller only (no rotator) $80

Diamond MX-72H HF-VHF/UHF Duplexer $30

Vibroplex Keyer $90

McElroy semi-automatic telegraph key $150

Reasonable offers for any of the above considered. Contact:
Kim Leong, N6YJ, 925-575-1941 or n6yj.qth@gmail.com

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Connect a 1.2 GHZ directional antenna, aim it at Mount Diablo's North Peak and watch the over the air repeater signal on your video monitor

Please contact Will Roberts at ka3vdt@gmail.com or visit http://laser66.com/ham/

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The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
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THIS MONTH:
ARRL FIELD DAY!

RADIO CONNECTS FD25

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W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 6:00pm American Legion Veteran's Net 147.060+

Wednesday 7:00 pm SKYWARN Net 147.060+

Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters
147.060 MHz + / PL 100Hz
224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz
EchoLink: W6CX-R /133896, IRLP: 3057
DMR Repeater 144.925 offset plus 2.5 MHz color code 1
D-STAR 145.000 offset plus 2.5 MHz
https://w6cx.dstargateway.org/

DATV Internet Stream: **http://w6cxatv.mdarc.org**
YouTube Channel: Media MDARC

Contra Costa County Emergency Communications Nets
Every Thursday

6:30 pm HF Countywide 3.893 MHz LSB
6:45 pm West County 145.110- (82.5 PL)
7:00 pm Central County 145.680 Simplex
7:00 pm East County 146.535 Simplex
7:00 pm South County 147.480 Simplex
7:20 pm Countywide 145.490-- (107.2 PL)
or 147.735-- (107.2 PL)
or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)
Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater

Digital ATV Output: 1244.500
Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0
Analog ATV Input: 1270.000 FM (PL 192.8)

June and July 2025 Club Calendar

Friday June 20, 2025	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette

Friday/Saturday/Sunday June 27-29, 2025 ARRL Field Day, Olympic High School, 2730 Salvio Street, Concord (see page 5)

Monday July 1, 2025	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE
Saturday July 6, 2025	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE